

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	46	multi adj carrier with adjacent with channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/25 09:42
L8	7	multi adj carrier with adjacent with channel and channel with characteristics	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/25 09:48
L9	131	multi adj carrier and adjacent with channel and channel with characteristics and average	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/25 09:49
L10	3	multi adj carrier and adjacent with channel with average and channel with characteristics and average	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/25 09:50
L11	2	multi adj carrier and (adjacent with channel with interpolati\$3) and channel with characteristics and average	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/25 09:51
L12	2	multi adj carrier and (adjacent with channel with interpolati\$3) and channel with characteristics	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/25 10:14
L13	89	wu-song.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L14	10	wu-song.in. and loading	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15

L15	0	signal adj to adj noise near below	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L16	1778	signal adj to adj noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L17	1470	signal adj to adj noise adj ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L18	5	(signal adj to adj noise adj ratio) near3 below	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L19	644	SNR near5 below	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L20	0	mulricarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L21	2898	multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L22	44	(SNR near5 below) and multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L23	525	bit adj loading	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L24	107	multicarrier and (bit adj loading)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15

L25	8	(multicarrier and (bit adj loading)) and disable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L26	0	(multicarrier and (bit adj loading)) and below adj a	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L27	0	(multicarrier and (bit adj loading)) and (below adj a)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L28	4	(multicarrier and (bit adj loading)) and zero adj bits	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L29	2898	multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L30	20406	transmission adj characteristics	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L31	148	multicarrier and (transmission adj characteristics)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L32	0	(multicarrier and (transmission adj characteristics)) and adaptting	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L33	23855	(transmission or channel) adj characteristics	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L34	331	multicarrier and ((transmission or channel) adj characteristics)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15

L35	0	"Bingham.in"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L36	1251	Bingham.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L37	127	amplitude with phase with transmission adj characteristics	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L38	44538	transfer adj function	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L39	301	multicarrier and (transfer adj function)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L40	0	(amplitude with phase with transmission adj characteristics) and (multicarrier and (transfer adj function))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L41	89397	amplitude with phase	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L42	7179	(amplitude or phase) adj characteristics	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L43	66035	gains	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L44	295	multicarrier and gains	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15

L45	295	gains and multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L46	523	bits with gains	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L47	141	tone adj ordering	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L48	2379	pilot adj tone\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L49	220	multicarrier and (pilot adj tone\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L50	112685	training	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L51	461	multicarrier and training	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L52	1615	inverse near4 (transfer adj function)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L53	1518	retrain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L54	1	(transfer adj function) and (multicarrier and retrain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15

L55	2	"5673290".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L56	16	(multicarrier and (transmission adj characteristics)) and adapting	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L57	31	(multicarrier and ((transmission or channel) adj characteristics)) and adapting	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L58	15	((multicarrier and ((transmission or channel) adj characteristics)) and adapting) and training	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L59	2	"5400322".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L60	3	cioffi-john.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L61	214	cioffi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L62	28	cioffi.in. and multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L63	34	multicarrier and Bingham.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L64	1	multicarrier and (amplitude with phase with transmission adj characteristics)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15

L65	1	(amplitude with phase with transmission adj characteristics) and DMT	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L66	147	(multicarrier and (transfer adj function)) and (amplitude with phase)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L67	33	multicarrier and ((amplitude or phase) adj characteristics)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L68	4	multicarrier and (gains with sub adj carrier\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L69	18	gains with sub adj carrier\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L70	32	multicarrier and (bits with gains)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L71	28	multicarrier and (tone adj ordering)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L72	3	((multicarrier and (transmission adj characteristics)) and adapting) and pilot	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L73	18	(transmission adj characteristics) and (multicarrier and (pilot adj tone\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L74	43	(transmission adj characteristics) and (multicarrier and training)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15

L75	6	(transfer adj function) and ((transmission adj characteristics) and (multicarrier and training))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L76	26	multicarrier and (inverse near4 (transfer adj function))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L77	24	(multicarrier and (inverse near4 (transfer adj function))) and multipl\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L78	23	multicarrier and retrain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L79	2898	multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L80	2857	bit adj load\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L81	113	(bit adj load\$4) and multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L82	0	gr98P5925	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L83	2409	modulation adj level\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L84	15	multicarrier and (modulation adj level\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15

L85	17107	pilot adj (tone\$1 or signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L86	384	multicarrier and (pilot adj (tone\$1 or signal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L87	8	((multicarrier and ((transmission or channel) adj characteristics)) and adapting) and (multicarrier and (pilot adj (tone\$1 or signal)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L88	9	(multicarrier and Bingham.in.) and (multicarrier and (pilot adj (tone\$1 or signal)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L89	100	DMT and (multicarrier and (pilot adj (tone\$1 or signal)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L90	31	(multicarrier and ((transmission or channel) adj characteristics)) and adapting	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L91	2	L90 and (tdm or (time adj duplex))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L92	632	channel adj analysis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L93	33	L92 and multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L94	101	timing adj diagram and multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15

L95	51580	timing adj diagram	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L96	1	L93 and L95	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L97	68	L94 and training	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L98	3	L90 and "332"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L99	144	DMT and ofdm and multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L100	606	DMT and wireless	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L101	111	DMT with wireless	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L102	10	DMT near3 wireless	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L103	2	"5844949".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L104	390	ofdm and Dmt	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15

L105	2097	375/295	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L106	2898	multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L107	115	L105 and L106	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L108	1802934	characteristics	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L109	62	L107 and L108	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L110	32	L109 and average	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L111	3568	375/222	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L112	1034216	multicarrier and characteristics ans average	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L113	1021	L111 and L112	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L114	0	multicarrier and characteristics and average	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15

L115	542	multicarrier and characteristics and average	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L116	0	L111 and L114	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L117	181	L111 and L106	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L118	128	L117 and L108	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L119	75	L118 and average	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L120	2141	375/260	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L121	134	L120 and L115	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L122	3753	channel adj characteristics	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L123	218	L120 and L122	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L124	134	L120 and L121	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15

L125	1736	375/232	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L126	81	L125 and multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L127	13	L126 and L122	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L128	0	signal adj to adj noise near below	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L129	1778	signal adj to adj noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L130	1470	signal adj to adj noise adj ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L131	644	SNR near5 below	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L132	0	mulricarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L133	2898	multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L134	525	bit adj loading	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15

L135	107	multicarrier and (bit adj loading)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L136	0	(multicarrier and (bit adj loading)) and below adj a	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L137	0	(multicarrier and (bit adj loading)) and (below adj a)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L138	2898	multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L139	20406	transmission adj characteristics	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L140	148	multicarrier and (transmission adj characteristics)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L141	0	(multicarrier and (transmission adj characteristics)) and adapting	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L142	23855	(transmission or channel) adj characteristics	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L143	331	multicarrier and ((transmission or channel) adj characteristics)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L144	0	"Bingham.in"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15

L145	1251	Bingham.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L146	127	amplitude with phase with transmission adj characteristics	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L147	44538	transfer adj function	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L148	301	multicarrier and (transfer adj function)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L149	0	(amplitude with phase with transmission adj characteristics) and (multicarrier and (transfer adj function))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L150	89397	amplitude with phase	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L151	7179	(amplitude or phase) adj characteristics	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L152	66035	gains	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L153	295	multicarrier and gains	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L154	295	gains and multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15

L155	523	bits with gains	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L156	141	tone adj ordering	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L157	2379	pilot adj tone\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L158	220	multicarrier and (pilot adj tone\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L159	112685	training	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L160	461	multicarrier and training	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L161	1615	inverse near4 (transfer adj function)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L162	1518	retrain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L163	1	(transfer adj function) and (multicarrier and retrain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L164	2898	multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15

L165	2857	bit adj load\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L166	113	(bit adj load\$4) and multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L167	0	gr98P5925	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L168	2409	modulation adj level\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L169	17107	pilot adj (tone\$1 or signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L170	384	multicarrier and (pilot adj (tone\$1 or signal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L171	31	(multicarrier and ((transmission or channel) adj characteristics)) and adapting	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L172	632	channel adj analysis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L173	51580	timing adj diagram	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L174	111	DMT with wireless	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15

L175	2097	375/295	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L176	2898	multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L177	115	L175 and L176	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L178	1802934	characteristics	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L179	62	L177 and L178	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L180	3568	375/222	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L181	1034216	multicarrier and characteristics ans average	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:40
L182	1021	L180 and L181	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L183	0	multicarrier and characteristics and average	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L184	542	multicarrier and characteristics and average	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15

L185	0	L180 and L183	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L186	181	L180 and L176	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L187	128	L186 and L178	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L188	2141	375/260	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L189	134	L188 and L184	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L190	3753	channel adj characteristics	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L191	218	L188 and L190	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L192	1736	375/232	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L193	81	L192 and multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L194	0	signal adj to adj noise near below	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15

L195	1778	signal adj to adj noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L196	1470	signal adj to adj noise adj ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L197	644	SNR near5 below	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L198	0	mulricarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L199	2898	multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L200	525	bit adj loading	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L201	107	multicarrier and (bit adj loading)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L202	0	(multicarrier and (bit adj loading)) and below adj a	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L203	0	(multicarrier and (bit adj loading)) and (below adj a)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L204	2898	multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15

L205	20406	transmission adj characteristics	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L206	148	multicarrier and (transmission adj characteristics)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L207	0	(multicarrier and (transmission adj characteristics)) and adaptting	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L208	23855	(transmission or channel) adj characteristics	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L209	331	multicarrier and ((transmission or channel) adj characteristics)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L210	0	"Bingham.in"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L211	1251	Bingham.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L212	127	amplitude with phase with transmission adj characteristics	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L213	44538	transfer adj function	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L214	301	multicarrier and (transfer adj function)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15

L215	0	(amplitude with phase with transmission adj characteristics) and (multicarrier and (transfer adj function))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:15
L216	89397	amplitude with phase	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L217	7179	(amplitude or phase) adj characteristics	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L218	66035	gains	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L219	295	multicarrier and gains	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L220	295	gains and multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L221	523	bits with gains	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L222	141	tone adj ordering	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L223	2379	pilot adj tone\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L224	220	multicarrier and (pilot adj tone\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16

L225	112685	training	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L226	461	multicarrier and training	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L227	1615	inverse near4 (transfer adj function)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L228	1518	retrain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L229	1	(transfer adj function) and (multicarrier and retrain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L230	2898	multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L231	2857	bit adj load\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L232	113	(bit adj load\$4) and multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L233	0	gr98P5925	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L234	2409	modulation adj level\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16

L235	17107	pilot adj (tone\$1 or signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L236	384	multicarrier and (pilot adj (tone\$1 or signal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L237	31	(multicarrier and ((transmission or channel) adj characteristics)) and adapting	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L238	632	channel adj analysis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L239	51580	timing adj diagram	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L240	111	DMT with wireless	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L241	2097	375/295	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L242	2898	multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L243	115	L175 and L176	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L244	1802934	characteristics	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16

L245	62	L177 and L178	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L246	3568	375/222	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L247	1034216	multicarrier and characteristics ans average	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L248	1021	L180 and L181	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L249	0	multicarrier and characteristics and average	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L250	542	multicarrier and characteristics and average	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L251	0	L180 and L183	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L252	181	L180 and L176	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L253	128	L186 and L178	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L254	2141	375/260	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16

L255	134	L188 and L184	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L256	3753	channel adj characteristics	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L257	218	L188 and L190	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L258	1736	375/232	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L259	81	L192 and multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L260	1	multicarrier and (amplitude with phase with transmission adj characteristics)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L261	1	(amplitude with phase with transmission adj characteristics) and DMT	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L262	33	L172 and multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L263	1	L262 and L173	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L264	89	wu-song.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16

L265	10	wu-song.in. and loading	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L266	1	multicarrier and (amplitude with phase with transmission adj characteristics)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L267	1	(amplitude with phase with transmission adj characteristics) and DMT	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L268	1	L262 and L173	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L269	5	(signal adj to adj noise adj ratio) near3 below	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L270	44	(SNR near5 below) and multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L271	8	(multicarrier and (bit adj loading)) and disable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L272	4	(multicarrier and (bit adj loading)) and zero adj bits	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L273	2	"5673290".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L274	16	(multicarrier and (transmission adj characteristics)) and adapting	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16

L275	31	(multicarrier and ((transmission or channel) adj characteristics)) and adapting	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L276	15	((multicarrier and ((transmission or channel) adj characteristics)) and adapting) and training	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L277	2	"5400322".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L278	3	cioffi-john.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L279	28	cioffi.in. and multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L280	34	multicarrier and Bingham.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L281	33	multicarrier and ((amplitude or phase) adj characteristics)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L282	4	multicarrier and (gains with sub adj carrier\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L283	18	gains with sub adj carrier\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L284	32	multicarrier and (bits with gains)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16

L285	28	multicarrier and (tone adj ordering)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L286	3	((multicarrier and (transmission adj characteristics)) and adapting) and pilot	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L287	18	(transmission adj characteristics) and (multicarrier and (pilot adj tone\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L288	43	(transmission adj characteristics) and (multicarrier and training)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L289	6	(transfer adj function) and ((transmission adj characteristics) and (multicarrier and training))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L290	26	multicarrier and (inverse near4 (transfer adj function))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L291	24	(multicarrier and (inverse near4 (transfer adj function))) and multipl\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L292	23	multicarrier and retrain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L293	15	multicarrier and (modulation adj level\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L294	8	((multicarrier and ((transmission or channel) adj characteristics)) and adapting) and (multicarrier and (pilot adj (tone\$1 or signal)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16

L295	9	(multicarrier and Bingham.in.) and (multicarrier and (pilot adj (tone\$1 or signal)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L296	100	DMT and (multicarrier and (pilot adj (tone\$1 or signal)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L297	2	L171 and (tdm or (time adj duplex))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L298	33	L172 and multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L299	101	timing adj diagram and multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L300	68	L299 and training	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L301	3	L171 and "332"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L302	10	DMT near3 wireless	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L303	2	"5844949".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L304	32	L179 and average	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16

L305	75	L187 and average	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L306	13	L193 and L190	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L307	89	wu-song.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L308	10	wu-song.in. and loading	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L309	5	(signal adj to adj noise adj ratio) near3 below	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L310	44	(SNR near5 below) and multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L311	8	(multicarrier and (bit adj loading)) and disable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L312	4	(multicarrier and (bit adj loading)) and zero adj bits	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L313	2	"5673290".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L314	16	(multicarrier and (transmission adj characteristics)) and adapting	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16

L315	31	(multicarrier and ((transmission or channel) adj characteristics)) and adapting	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L316	15	((multicarrier and ((transmission or channel) adj characteristics)) and adapting) and training	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L317	2	"5400322".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L318	3	cioffi-john.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L319	28	cioffi.in. and multicarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L320	34	multicarrier and Bingham.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L321	33	multicarrier and ((amplitude or phase) adj characteristics)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L322	4	multicarrier and (gains with sub adj carrier\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
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L324	32	multicarrier and (bits with gains)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16

L325	28	multicarrier and (tone adj ordering)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L326	3	((multicarrier and (transmission adj characteristics)) and adapting) and pilot	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L327	18	(transmission adj characteristics) and (multicarrier and (pilot adj tone\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L328	43	(transmission adj characteristics) and (multicarrier and training)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L329	6	(transfer adj function) and ((transmission adj characteristics) and (multicarrier and training))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
L330	26	multicarrier and (inverse near4 (transfer adj function))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/25 10:16
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1. [Improved VCSEL analog optical link](#)  
**Buoli, Carlo / Esposito, Claudio / Mora, Giovanni / Siemens Mobile Communications S.p.A., EUROPEAN PATENT APPLICATION, Aug 2004**  
...WDM are doped for obtaining **adjacent** optical windows of minimum...fading, cochannel interferences, **adjacent channel** interferences, etc., together...Harry Lee et al.) deviating the **channel characteristics** from the ideal. In this case...  
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2. [Symbol-timing synchronization in multicarrier receivers](#)  
**Ward, Robert / SYMBOL TECHNOLOGIES, INC., EUROPEAN PATENT APPLICATION, Apr 2002**  
...communications **channels** to communicate...spacing between **adjacent channels**. All implementations...of radio **channel characteristics** in both indoor...occupy the entire **channel** bandwidth. In **multicarrier** modulation schemes...  
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Dec 2000  
...respect to the **average** signal level...contaminates the **adjacent channels** with **adjacent channel** interference...HANZO: ADAPTIVE **MULTICARRIER** MODULATION...spacing between **adjacent** carriers is...transmitted over the **channel**, and at the...  
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...MEA) 10 2.2.4 **Multicarrier** Modulation 10 2.2.5 The **Channel** 11 2.2.6 The...4.7 Peak-to-average power ratio...linear AWGN **channel** 48 A4.2 MATLAB...Transmitter Receiver **Channel**  $d[n]$   $\times$ FFT[n...Appendix A2.2, **multicarrier** systems like...  
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5. [D2\\_2\\_final.PDF](#)  
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EQUALIZER...

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**6. Introduction**

Apr 2002

...If the peak-to-**average** ratio is incorrect...clipping or severe **channel** amplitude flatness...verification of the peak-to-**average** ratio to simply...error rate of the **channel**, or the constellation...significantly higher peak-to-**average** ratios and most...of their allotted **channel**. The reverse path...

[<http://cable.doit.wisc.edu/resources/NCTA1097.pdf>]  
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**7. GG243816**

Aug 1998

...38 2.2.2 The **Characteristics** of a Baseband Signal...185 9.2.1 Virtual **Channels** and Virtual Routes...192 9.2.3 Network **Characteristics**...10.1 The IBM ESCON **Channel** Architecture...232 11.1.5 **Characteristics** of a Frame Relay Network...

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**8. SLIDING-WINDOW PROCESSING FOR THE RECEPTION OF MULTICARRIER SIGNALS**

**SHETTY, Sachindev / INARI, INC., PATENT COOPERATION TREATY APPLICATION**, Dec 2001

...Many communication **channels**, such as, for example...is dependent on the **channel characteristics**. Attenuation is a drop...of large **channel-to-channel** delay spreads. The...orthogonality between **adjacent** or nearby sub-carriers...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis  
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**9. The Evolution of Untethered Communications**

Oct 2004

...hardware, interference, and **channel characteristics**. The noise is typically...communications technique used, the **channel characteristics**, and the required BER. Because...of interference include **adjacent channels** and narrow bands of problem...

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**10. 1 Chapter II**

Jun 2003

...distortion component P<sub>Ioac</sub> Power of modulated **adjacent channel** P<sub>Ioar</sub> Power of down-link **channel** at the UE...Abbreviations AC Alternating current ACA **Adjacent channel** attenuation ACS **Adjacent channel** selectivity ACLR **Adjacent channel** leakage...

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... identifying three different structures, namely **multicarrier** ... gorithms that maintaining Gaussian **channel characteristics** ...

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... transmissions from different stations occur, at an **average** rate that ...

change of the **channel characteristics** in comparison to the signal ...

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[PDF] [The Hornet Radio Proposal: A Multicarrier, Multiuser, Multiantenna ...](#)

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... As shown in Appendix A2.2, **multicarrier** systems like OFDM can be ... guard band

between **adjacent channels**. In the Hornet system, carrier #0 (DC) and ...

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The Evolution of Untethered Communications

... Other sources of interference include **adjacent channels** and narrow bands of

... Moreover, **multicarrier** signals tend to have a large peak-to-average ...

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IEEE Broadcast Technology Society

... **Multicarrier**-based schemes such as MIMO-OFDM, which are promising for high rate

... for UWB 3) UWB **channel characteristics** 4) Achievable data rates, ...

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... This is a very flexible wide-band **multicarrier** modulation system that ...

in front of high power PAL signals in both cochannel and **adjacent channels**. ...

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... There are several approaches to **multicarrier** transmission. ... subchannels, we see that it has high side lobes in **adjacent channels** that will be ...

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... After a short description of the principles of a **multicarrier** COFDM (Coded Orthogonal ... the variability of the **channel characteristics** with time. ...

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... For high bit rate indoor radio systems the **channel characteristics** can often be ... strong enough to block the use of **adjacent channels** in a zone ...

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... Multiple Access) □ solution based on a **multicarrier** access scheme; ... power to the power measured after a receive filter in the **adjacent channels(s)**. ...

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... exploited to improve **channel characteristics** or to improve the spectral ... between **adjacent channels** [90]. In order to mitigate these effects, ...

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... typically much less than the distance between **adjacent channels**, such that the ... "Orthogonal **multicarrier** techniques applied to direct sequence spread ...

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... involves multitone (**multicarrier**) modulation systems based on ... access to the **channel characteristics**; these include, among ...

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... multipath is to use **multicarrier** transmission technique. This technique has been shown to ... **adjacent channels**. For BPSK systems, the probability ...

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... **adjacent channels**, recognizes the mode of the incoming transmission, ... required by the ideal **multicarrier** SDR is not yet technically possible. ...

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... 10.1.5.7 CDA Telemetry **Channel Characteristics** - The CDA frequency telemetry

... operation with single or **multicarrier** RF illumination up to -60 dBm. ...

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... on the alternate or on the **adjacent channels** for high channel selectivity,

... When additive noise and nonideal **channel characteristics** are unknown ...

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... However, from these two methods, **Multicarrier** Modulation seems to be the only

... ance, **channel characteristics**, ratio K/N, orthogonality of the codes) ...

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... Compared to this the **multicarrier** transmission system OFDM has the ability to

... Because of possible extremely bad **channel characteristics** within a ...

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Dear Chairman, This is a modification on the ballot that I ...  
... **multicarrier** option(s) in addition to single carrier schemes. ... specification  
is not relevant for digital **adjacent channels** and seems to be solely for ...  
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... technique used, the **channel characteristics**, and the ... of interference include **adjacent channels** and narrow ... including equalization, **multicarrier** modulation, and ...

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... 4.2.3.5.7.1 For **multicarrier** AES, the radiated intermodulation products shall not cause harmful interference to satellite ... 4.3 RF **CHANNEL CHARACTERISTICS** . . . . .

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... power at -40 dBm, **average** (nominal) RF ... of information about the **in-channel characteristics** of the ... **Multicarrier** power measurement This measurement is used for ...

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**3. IEEE Broadcast Technology Society**

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**5. BROADCASTPAPERS.COM**

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